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JC12 Rec CT/PTC 28 APR 2005

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Dated: April 28, 2005

Signature:

(Sharon Bizokas)

Docket No.: 63286(46342)  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Keiji Iwamoto et al.

Application No.: Not Yet Assigned

Confirmation No.: N/A

Filed: Concurrently Herewith

Art Unit: N/A

For: USE OF SGLT HOMOLOG

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

A copy of each reference on the PTO/SB/08 is attached.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper

Application No.: Not Yet Assigned

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hereafter filed in this application by this firm) to our Deposit Account No. 04-1105, under Order No. 63286(46342). A duplicate copy of this paper is enclosed.

Dated: April 28, 2005

Respectfully submitted,

By 

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Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Keiji Iwamoto
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	63286(46342)
Sheet	1	of	1		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	BA	WO 02/053738 A1	07/11/02	Iwamoto et al.		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	Rongione et al., "EGF and TGF Stimulate Proabsorption of Glucose and Electrolytes by Na <sup>+</sup> /Glucose Cotransporter in Awake Canine Model", Digestive Diseases and Sciences, 46(8):1740-1747 (2001)	
	CB	Klaren et al., "Effect of Loperamide on Na <sup>+</sup> /D-Glucose Cotransporter Activity in Mouse Small Intestine", J. Pharm. Pharmacol. 52:679-686 (2000)	
	CC	Shimizu et al., "Regulation of intestinal glucose transport by tea catechins", BioFactors, 13:61-65 (2000)	
	CD	Bosc et al., "Effect of Atrial Natriuretic Peptide on $\alpha$ -Methyl-d-Glucoside Intestinal Active Uptake in Rats", Peptides, 19(1):1249-1253 (1998)	
	CE	Turner et al., "Carboxyl-terminal Vesicular Stomatitis Virus G Protein-tagged Intestinal Na <sup>+</sup> -dependent Glucose Cotransporter (SGLT1), The Journal of Biological Chemistry, 271(13):7738-7744 (1996)	
	CF	Kani "Glucose transport in the kidney", Nihon Rinsho, 55:59-64 (1997)	
	CG	Tsujihara et al., Na <sup>+</sup> -Glucose Cotransporter (SGLT) Inhibitors as Antidiabetic Agents, 4. Synthesis and Pharmacological Properties of 4'-Dehydroxyphlorizin Derivatives Substituted on the B Ring", J. Med. Chem., 42:5311-5324 (1999)	
	CH	Harig et al., D-Glucose and L-leucine transport by human intestinal brush-border membrane vesicles, Am. J. Physiol., 256:G618-G623 (1989)	
	CI	Bissonnette et al., Kinetic separation and characterization of three sugar transport modes in Caco-2 cells, Am. J. Physiol., 270:G833-G843 (1996)	

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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